

Express Mail Label No.: EL 711 220 134 US

ATTORNEY'S DOCKET NO: N0362/7011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carl C. Bjornson et al.  
Serial No: Unassigned  
Filed: Herewith  
For: APPARATUS AND METHOD FOR SELECTING A  
MECHANICAL SEAL  
Examiner: Unassigned  
Art Unit: Unassigned

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Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed within three months of the filing date of a National Application. No fee or certification is required.

PART II - Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application:

Written Opinion dated 12/16/99

For all references listed as "date unknown," the Examiner is requested to assume that these references are prior art under 35 U.S.C. §102. Applicants' reserve the right to present evidence to the contrary if available.

PART III: Remarks

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed; of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

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An early and favorable action is hereby requested.

Respectfully submitted,

Carl C. Bjornson, et al.

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Docket No. N0362/7011  
Dated: October 13, 2000

FORM PTO-1449(Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: N0362/7011	SERIAL NO.: Unassigned
	APPLICANT: Carl C. Bjornson et al.	
	FILING DATE: Herewith	GROUP: Unassigned

#### U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropri ate
	*	4,739,488	4/19/88	Asakura			
	*	5,577,364	11/26/96	Wang et al.			
	*	5,593,839	01/14/97	Hubbell et al.			
	*	5,673,533	10/07/97	Wang et al.			
	*	5,717,595	02/10/98	Cherrington et al.			
	*	5,730,356	03/24/98	Mongan			
	*	5,745,390	04/28/98	Daneshgari			
	*	5,836,136	11/17/98	Highberger			
	*	5,940,290	08/17/99	Dixon			
	*	5,319,541	06/07/94	Blanchard et al.			
	*	5,297,054	03/22/94	Kienzle et al.			
	*	5,089,970	02/18/92	Lee et al.			
	*	5,721,903	02/1998	Anand et al.			
	*	5,923,552	07/1999	Brown et al.			
	*	5,970,471	10/1999	Hill			
	*	5,968,110	10/1999	Westrope et al.			
	*	6,023,683	02/2000	Johnson et al.			

#### FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes. No
	*	WO 96/36921	21.11.960 4.03.98	3COM CORPORATION			

#### OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

	*		Delta Mechanical Seals, Seal Selection Guide, 1996
	*		AESSEAL - Technical & Seal Management Database Updates, Web Site Print -out of DATABASE UPDATES, <a href="http://www.aesseal.co.uk/dataupdt.htm">http://www.aesseal.co.uk/dataupdt.htm</a> (printed 8/25/99), 2 pages
	*		Parker Filtration Advertisement entitled "GET ACCURATE FILTRATION FACTS, FIGURES AND FORMULAS INSTANTLY, with Parker's new inPHorm software," 1 page, date unknown
	*		Author Unknown, "DATABASE MATCHES CHEMICALS TO MECHANICAL SEALS," Business Financial, date unknown, 2 pages
	*		PS PLUS SEAL DIMENSION DRAWING NUMBERS AND SLEEVE DIAMETER chart, from ITT Industries, June 1997, 1 page
	*		Goulds Pumps, Inc., Industrial Products Group Engineered Products Div., Packed Box Envelope Dimensions, 1 page, Revision January 20, 1992

	*		Fluid Sealing Association, "MECHANICAL SEAL MATERIAL SELECTION GUIDE," Mechanical Seal Handbook, 1990
	*		Shaft Sealing System For Centrifugal And Rotary Pumps, API Standard 682, First Edition, October 1994
	*		Shaft Sealing System For Centrifugal And Rotary Pumps, API Standard 610, Seventh Edition, October 1994
	*		Parker Seals, O-RING REFERENCE GUIDE, "FLUID COMPATIBILITY TABLES," page 15, date unknown
	*		"CHEMICAL RESISTANCE AND FLUID COMPATIBILITY," Kalrez parts ratings, October 1993, page 4 and Appendix A and B (2 pages)
	*		Aflas Technical Information, 3M Corporation, January 1988
	*		Viton Fluid Resistance Guide, DuPont, date unknown
	*		Titanium, Titanium Corrosion Rate Data, Titanium Development Assoc., Appendix 2, date unknown
	*		Corrosion Resistance of Hastelloy Alloys, Cabot Corporation, page 6, date unknown
	*		Hastelloy Alloy C-276, Haynes International, page 7, date unknown
	*		Hastelloy Alloy C-22, Haynes International, page 8, date unknown
	*		Hastelloy Alloy B-3, Haynes International, page 4, date unknown
	*		Hastelloy Alloy B-2, Haynes International, page 6, date unknown

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/179,506, filed October 27, 1998, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant